



November 2, 2005

Nevada Division of Environmental Protection  
Bureau of Corrective Actions, Remediation and LUST Branch  
1771 East Flamingo Road, Suite 121-A  
Las Vegas, Nevada 89119-0837

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ENVIRONMENTAL PROTECTION  
LAS VEGAS OFFICE

2005 NOV -3 P 1:21

for:

Randall L. Jackson, Health, Safety & Environmental Director  
DCI Management Group, Ltd.  
4510 W. 63<sup>rd</sup>  
Terrace Prairie Village, KS 66208

11/08/05

Re: **Revised Work Plan for Additional Down Gradient Groundwater Characterization**  
**Former Al Phillips The Cleaners, Inc.**  
**Maryland Square Shopping Center**  
**3661 South Maryland Parkway, Las Vegas, Nevada**  
**Facility ID: H-000086**

Attn: Ms. Shannon Harbour, EI

This letter is in response to your September 6, and October 20, 2005 letter to Mr. Randall Jackson, regarding conducting additional down gradient groundwater characterization. Based on the September 2005 groundwater sampling conducted at the site, the concentration of tetrachloroethylene (PCE) in the most down-gradient well (MW-25) was 920 micrograms per liter ( $\mu\text{L}$ ). The Nevada Division of Environmental Protection (NDEP) has requested that DCI evaluate the down-gradient extent of the PCE plume to 5  $\mu\text{L}$ . To that end, DCI proposes a revised work plan to collect several down-gradient groundwater samples utilizing direct push drilling technology, at this point in time, rather than installation of groundwater monitoring wells.

The purpose of this approach is three fold, 1) rapidly evaluate PCE groundwater concentrations over a broader area at less cost than installation of <sup>permanent</sup> permeate wells, 2) use this information to evaluate if sampling further down gradient is necessary to characterize the groundwater plume to 5  $\mu\text{L}$ , and 3) to evaluate if additional down gradient groundwater wells are needed and at what possible locations.

The attached figure shows the proposed location of eight direct push sampling sites for collecting groundwater samples. These eight sites are located within the Clark County rights-of-ways. A direct push drill hole will be advanced at each site based on the results of a utility clearance. Groundwater at these locations is predicted to be approximately 9 to 12 feet below ground surface. The direct push sampling rod will be driven to an approximate depth of 15 feet at each location. If refusal is encountered at a location, then an additional direct push drill hole will be attempted near that same location. One groundwater sample will be collected in two 40-millileter OVA vials per site, labeled, sealed, placed in a cooler with ice, and transported to an analytical laboratory under chain-of-custody protocol. The groundwater samples will be analyzed for volatile organic compounds by U.S. EPA method 8260B. A report of findings will be prepared and sent to NDEP. Direct push sample holes will be backfilled with hydrated bentonite pellets and concreted in the top foot. The direct push rod and groundwater sampler will be decontaminated between each sampling

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location. Investigation derived wastes will contained in a 5-gallon DOT approved drum and stored at the former Al Phillips facility for disposal.

DCI requests that NDEP approve this additional proposed sampling prior to performing the work. If you have questions regarding this information, please contact Mr. Scott Ball from URS at 837-1500.

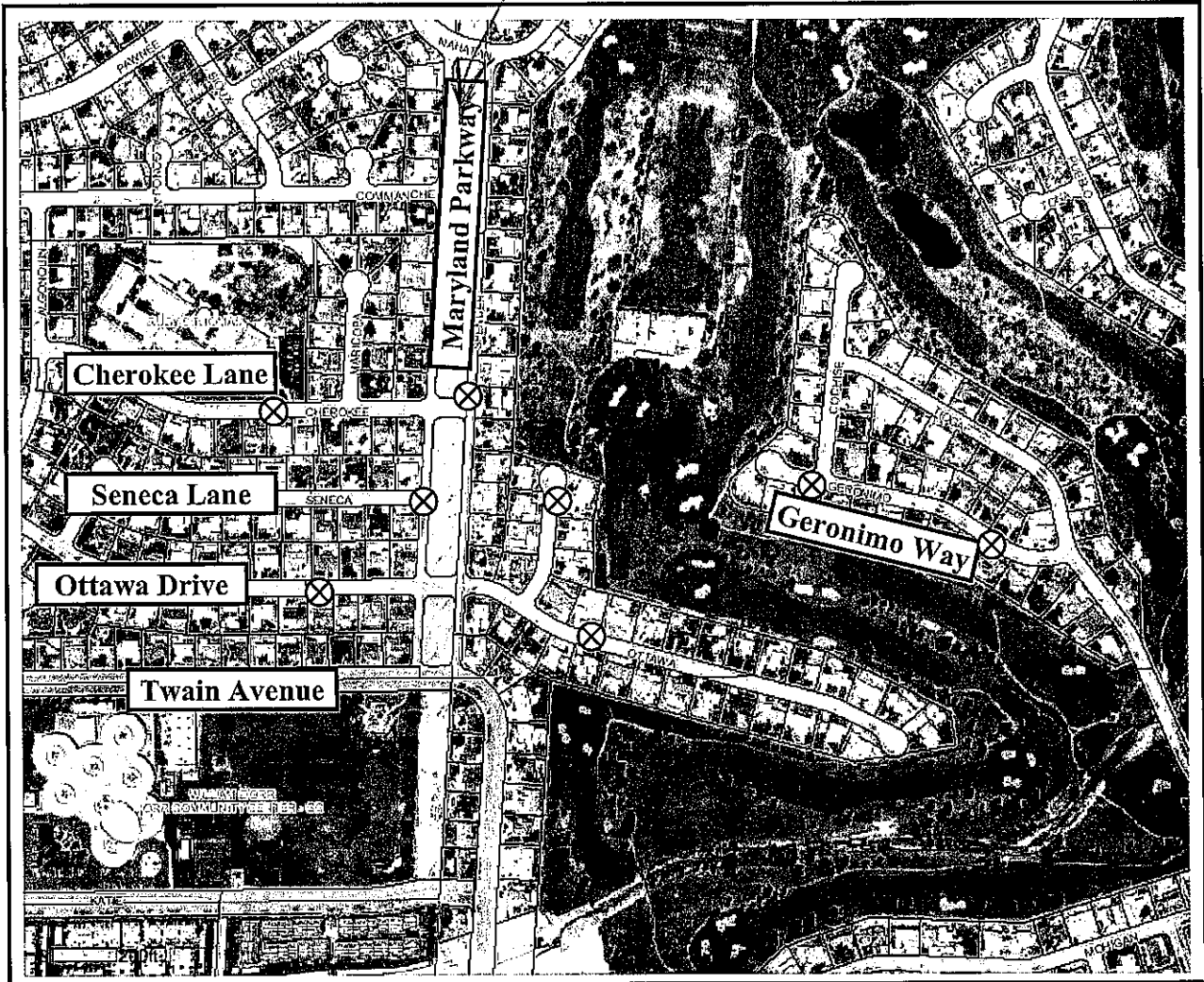
Sincerely,  
URS Corporation



Scott Ball, C.E.M.  
Senior Project Manager

Cc: Mr. Randall L. Jackson, DCI  
Mr. Michael Stebbins, Tomlinson Zisko, LLC.

No, this is Spencer St



Source: Clark County Assessors Web Site  
 Scale: 200 feet



⊗ Approximate location of proposed direct push groundwater sampling locations

### PROPOSED DIRECT PUSH SAMPLE LOCATIONS

Al Phillips The Cleaner  
 Groundwater Sampling  
 Maryland Square Shopping Center  
 3661 South Maryland Parkway  
 Las Vegas, Nevada

**URS**

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